



#6 Amended  
8/9/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Shimomura et al.

Serial No.: 09/309,768

Group Art Unit: 2633

Filed: May 11, 1999

Examiner: R. Sedighian

For: OPTICAL SWITCH AND OPTICAL NETWORK

Honorable Assistant Commissioner of Patents  
Washington, D.C. 20231

RECEIVED  
AUG 29 2002  
Technology Center 2600

**AMENDMENT UNDER 37 C.F.R. §1.111**

Sir:

In response to the Office Action dated April 24, 2002, in the above application, please amend the application as follows:

**IN THE SPECIFICATION:**

**Please replace the paragraph beginning at line 16 of Page 14, with the following:**

a) The signal light of wavelength 1550 nm is inputted to the EDF 11 through the optical transmission line 100. On the other hand, the pumping light of wavelength 1480 nm, which is outputted from the pumping source 33 to the optical transmission line 105, is inputted to the EDF 11 through the optical branch 52. The signal light is amplified by the EDF 11 and then inputted to an optical wavelength multiplexer 303.

**IN THE CLAIMS:**

a2 2. (Amended) The optical switch according to claim 1, wherein said first and second optical amplifiers each comprise a semiconductor optical fiber amplifier.

3. (Amended) The optical switch according to claim 1, wherein said first and second optical

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01 FC:102  
02 FC:103

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108.00 OP